Paper No. Filed: October 7, 2016

UNITED STATES PATENT AND TRADEMARK OFFICE
BEFORE THE PATENT TRIAL AND APPEAL BOARD
SAMSUNG ELECTRONICS CO., LTD. Petitioner
V.
PROMOS TECHNOLOGIES, INC Patent Owner
LLC Datast No. 6 105 202
U.S. Patent No. 6,195,302

PETITION FOR *INTER PARTES* REVIEW OF U.S. PATENT NO. 6,195,302



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## LIST OF EXHIBITS

Ex. 1001	U.S. Patent No. 6,195,302 to Hardee ("the '302 patent")
Ex. 1002	Declaration of R. Jacob Baker, Ph.D, P.E.
Ex. 1003	Prosecution History of U.S. Patent No. 6,195,302
Ex. 1004	U.S. Patent No. 5,140,199 to Seo ("Seo")
Ex. 1005	UK Patent GB2246005B to Min et al. ("Min")
Ex. 1006	European Patent EP 0597231 A2 to Hardee ("Hardee EP")
Ex. 1007	Schuster et al., "A 15-ns CMOS 64K RAM," IEEE J. of Solid-State Circuits, Vol. SC-21, No. 5, Oct. 1986, pp.704-12 ("Schuster")
Ex. 1008	Taur et al., Fundamentals of Modern VLSI Devices, 1998 ("Taur")
Ex. 1009	U.S. Patent No. 4,980,799 to Tobita ("Tobita")
Ex. 1010	Curriculum Vitae of Dr. R. Jacob Baker
Ex. 1011	Meng <i>et al.</i> , "A Clock-Free Chip Set for High-Sampling Rate Adaptive Filters," <i>Journal of VLSI Signal Processing</i> , 1, pp. 345-65 (1990) ("Meng")
Ex. 1012	Amrutur <i>et al.</i> , "A Replica Technique for Wordline and Sense Control in Low-Power SRAM's," <i>IEEE Journal of Solid-State Circuits</i> , Vol. 33, No. 8, Aug. 1998, pp.1208-19



#### I. INTRODUCTION

Samsung Electronics Co., Ltd. ("Petitioner") requests *inter partes* review ("IPR") of claims 1-6 and 10-12 ("the challenged claims") of U.S. Patent No. 6,195,302 ("the '302 patent") (Ex. 1001), which is currently assigned to ProMOS Technologies, Inc. ("Patent Owner") according to USPTO records. For the reasons set forth below, the challenged claims should be found unpatentable and canceled.

## II. MANDATORY NOTICES UNDER 37 C.F.R. § 42.8

<u>Real Parties-in-Interest</u>: Petitioner identifies the following as the real parties-in-interest: Samsung Electronics Co., Ltd.; Samsung Electronics America, Inc.; Samsung Semiconductor, Inc.; and Samsung Austin Semiconductor, LLC.

Related Matters: Patent Owner has asserted the '302 patent against Petitioner in *ProMOS Technologies, Inc. v. Samsung Electronics Co., Ltd., et al.*, No. 1:15-cv-00898-SLR-SRF (D. Del.). Petitioner is concurrently filing a petition challenging claims 1-6, 10-12 and 14-18 of the '302 patent. Petitioner respectfully requests that the Board institute each petition, as each presents distinct and non-redundant grounds. Patent Owner has also asserted U.S. Patent Nos. 6,849,897 ("the '897 patent"), 6,020,259 ("the '259 patent"), 6,699,789 ("the '789 patent"), 6,088,270 ("the '270 patent"), and 5,761,112 ("the '112 patent") in this action. Petitioner is also concurrently filing IPR petitions on the '897, '259, '789, '270, and '112 patents.



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